

	Type	Hits	Search Text
1	BRS	1	S1 and (isolat\$5 support\$4) near7 (tun\$5 fiber\$2) and (tens\$4 same fiber\$3 same material\$3) and (length\$4 dimens\$4) same volt\$4 same tens\$4 and frequenc\$4 and acoust\$4 near7 damp\$4
2	BRS	0	S1 and tens\$4 same bore\$1 near7 (material damp\$4 acoust\$4 apertur\$2)
3	BRS	1	S1 and bore\$1 near7 (material damp\$4 acoust\$4 apertur\$2)
4	BRS	1	S1 and electro\$2
5	BRS	1	S1 and electro\$2 same contact\$4
6	BRS	1	S1 and electro\$2 same contact\$4 and plug\$4 near9 bor\$2 same electro\$3 and plug near7 hole\$1 and (conduct\$4 near7 jacket\$3) and (distribut\$4 near7 feedback)
7	BRS	1	S1 and S2 and S4 and S5 and S6 and S7
8	BRS	15	("4,636,031" "5,159,601" "5,317,576" "5,536,085" "5,691999" "6,519,388" "6,263,002" "6,393,181" "6,449,293" "6,452,667" "6,470,036" "6,480,513" "6,490,931" "6,534,248" "6,563,968").pn.
9	BRS	3319	optic\$4 near7 (thermal\$4 length\$3) near7 compensat\$5
10	BRS	70742	optic\$4 near1 fiber same (tun\$4 chang\$4 adjust\$5 modif\$6 alter\$5 var\$6)
11	BRS	253593	(tens\$4 same (tun\$4 chang\$4 adjust\$5 modif\$6 alter\$5 var\$6))
12	BRS	1410746	(piezo piezoelect\$5 volt\$4 electric\$5) same (tun\$4 chang\$4 adjust\$5 modif\$6 alter\$5 var\$6)
13	BRS	322716	(encapsulat\$5 fill\$4 encas\$4) near7 (liquid\$3 oil\$2 fluid\$2 acous\$4)
14	BRS	779252	(electro\$3 heat\$4) same (tens\$4 stress\$2 thermal\$5)
15	BRS	1132	385/13,40.ccls.

	DBs	Time Stamp	Comments	Error Definition
1	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 13:49		
2	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 13:52		
3	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 13:53		
4	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 13:54		
5	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 13:54		
6	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 14:00		
7	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 15:24		
8	US-PGPUB; USPAT	2005/10/28 14:41		
9	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 15:59		
10	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 15:34		
11	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 15:35		
12	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 15:36		
13	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 16:01		
14	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 16:02		
15	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 15:45		

	Errors	Ref #
1		S2
2		S3
3		S4
4		S5
5		S6
6		S7
7		S8
8		S9
9		S10
10		S11
11		S12
12		S13
13		S14
14		S15
15		S16

	Type	Hits	Search Text
16	BRS	3	S10 and S11 and S12 and S13 and S14 and S15
17	BRS	1	10/807808
18	BRS	1390	(fibre\$1 fiber\$3 waveguide\$1) near7 (compensat\$4 isolat\$5) near5 (temperatur\$4 thermal\$4 environment\$4) same optic\$4
19	BRS	72737	optic\$4 same compens\$5
20	BRS	8425	optic\$4 near12 tension\$2
21	BRS	423402	(optic\$4 encapsulat\$5 fill\$4 encas\$4) near7 (liquid\$3 oil\$2 fluid\$2 acous\$4)
22	BRS	227602	(electrod\$3 heating heaters) same (tens\$4 stress\$2 fiber\$1 fibre\$1 waveguide\$1)
23	BRS	33	S18 and S19 and S20 and S21 and S22
24	BRS	55468	(inject\$4 encapsulat\$5 fill\$4 encas\$4 hous\$4) near7 (liquid\$3 oil\$2 fluid\$2 acous\$4 material) same thermal\$4
25	BRS	166555	(electrod\$3 heaters volt\$4) same (tens\$4 stress\$2 fiber\$1 fibre\$1 waveguide\$1)
26	BRS	1	S18 and S19 and S20 and S24 and S25
27	BRS	3106	S24 and S25
28	BRS	11	S24 and S25 and S18
29	BRS	8	S29 and S19
30	BRS	7	S29 and (tens\$4 stress\$4)
31	BRS	6	S31 not S23
32	BRS	7	S29 and (length\$4 dimens\$4 period\$2) near3 (tun\$5 chang\$5 adjust\$5 modif\$6 alter\$5 vary\$3 vari\$5)

	<b>DBs</b>	<b>Time Stamp</b>	<b>Comments</b>	<b>Error Definition</b>
16	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 15:56		
17	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/02 17:50		
18	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 19:52		
19	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 16:00		
20	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 19:54		
21	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 17:33		
22	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 17:36		
23	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 17:38		
24	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 19:58		
25	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 17:37		
26	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 17:39		
27	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 17:42		
28	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 17:42		
29	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 17:43		
30	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 17:43		
31	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 17:49		
32	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 17:53		

	Errors	Ref #
16		S17
17		S1
18		S18
19		S19
20		S20
21		S21
22		S22
23		S23
24		S24
25		S25
26		S26
27		S27
28		S29
29		S30
30		S31
31		S32
32		S33

	Type	Hits	Search Text
33	BRS	2	S29 and (frequenc\$4 period\$2) near3 (tun\$5 chang\$5 adjust\$5 modif\$6 alter\$5 vary\$3 vari\$5)
34	BRS	2	S33 and S34
35	BRS	30	S23 and (length\$4 dimens\$4 period\$2) near3 (tun\$5 chang\$5 adjust\$5 modif\$6 alter\$5 vary\$3 vari\$5)
36	BRS	30	S23 and (length\$4 dimens\$4) near3 (tun\$5 chang\$5 adjust\$5 modif\$6 alter\$5 vary\$3 vari\$5)
37	BRS	26	S37 and (frequenc\$4 period\$2) near3 (tun\$5 chang\$5 adjust\$5 modif\$6 alter\$5 vary\$3 vari\$5)
38	BRS	3	"6603779".pn.
39	BRS	0	S39 and (volt\$4 electr\$6 piezo piezoelectric\$4 current electrod\$3)
40	BRS	28	S37 and (frequenc\$4 period\$2) near5 (tun\$5 chang\$5 adjust\$5 modif\$6 alter\$5 vary\$3 vari\$5)
41	BRS	30	S23 and (length\$4 dimens\$4) near5 (tun\$5 chang\$5 adjust\$5 modif\$6 alter\$5 vary\$3 vari\$5)
42	BRS	26	S41 and (volt\$4 electr\$6 piezo piezoelectric\$4 current electrod\$3)
43	BRS	22101	(fibre\$1 fiber\$3 waveguide\$1) near7 (temperatur\$4 thermal\$4) same optic\$4
44	BRS	8425	optic\$4 near12 tension\$2
45	BRS	22516	optic\$4 near12 (stress\$2 tension\$2)
46	BRS	44545	optic\$4 same (stress\$2 tension\$2)
47	BRS	1272463	(stress\$2 tension\$2)
48	BRS	24095	(inject\$4 encapsulat\$5 fill\$4 encas\$4 hous\$4) near7 (liquid\$3 oil\$2 fluid\$2 acous\$4 material) same vibrat\$4
49	BRS	429173	(frequenc\$4) near7 (tun\$5 chang\$5 adjust\$5 modif\$6 alter\$5 vary\$3 vari\$5)

	DBs	Time Stamp	Comments	Error Definition
33	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 17:55		
34	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 17:53		
35	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 17:54		
36	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 19:22		
37	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 19:21		
38	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 19:19		
39	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 20:07		
40	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 20:00		
41	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 20:05		
42	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/01 11:06		
43	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 19:53		
44	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 19:54		
45	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 19:55		
46	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 19:55		
47	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 19:56		
48	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 19:58		
49	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 19:59		



	Errors	Ref #
33		S34
34		S35
35		S36
36		S37
37		S38
38		S39
39		S40
40		S41
41		S42
42		S43
43		S44
44		S45
45		S46
46		S47
47		S48
48		S49
49		S50

	Type	Hits	Search Text
50	BRS	5	S44 and S45 and S46 and S47 and S48 and S49 and S50
51	BRS	651447	(length\$4 dimens\$4) near7 (tun\$5 chang\$5 adjust\$5 modif\$6 alter\$5 vary\$3 vari\$5)
52	BRS	8	S44 and S47 and S48 and S49 and S50 and S52
53	BRS	7	S53 and (volt\$4 electr\$6 piezo piezoelectric\$4 current electrod\$3)
54	BRS	1	"20040182166"
55	BRS	1391	(fibre\$1 fiber\$3 waveguide\$1) near7 (compensat\$4 isolat\$5) near5 (temperatur\$4 thermal\$4 environment\$4) same optic\$4
56	BRS	72857	optic\$4 same compens\$5
57	BRS	8429	optic\$4 near12 tension\$2
58	BRS	423886	(optic\$4 encapsulat\$5 fill\$4 encas\$4) near7 (liquid\$3 oil\$2 fluid\$2 acous\$4)
59	BRS	227770	(electrod\$3 heating heaters) same (tens\$4 stress\$2 fiber\$1 fibre\$1 waveguide\$1)
60	BRS	33	S59 and S60 and S61 and S62 and S63
61	BRS	30	S64 and (length\$4 dimens\$4) near3 (tun\$5 chang\$5 adjust\$5 modif\$6 alter\$5 vary\$3 vari\$5)
62	BRS	26	S66 and (volt\$4 electr\$6 piezo piezoelectric\$4 current electrod\$3)
63	BRS	1	S55 and S67
64	BRS	1	S58 and S67
65	BRS	1	S58 and (volt\$4 electr\$6 piezo piezoelectric\$4 current electrod\$3)
66	BRS	1	S58 and (length\$4 dimens\$4) near3 (tun\$5 chang\$5 adjust\$5 modif\$6 alter\$5 vary\$3 vari\$5)
67	BRS	1	S71 and (frequenc\$4 period\$2) near5 (tun\$5 chang\$5 adjust\$5 modif\$6 alter\$5 vary\$3 vari\$5)

	<b>DBs</b>	<b>Time Stamp</b>	<b>Comments</b>	<b>Error Definition</b>
50	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 20:03		
51	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 20:05		
52	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/10/28 20:06		
53	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/01 11:02		
54	US-PGPUB; USPAT	2005/11/01 11:05		
55	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/01 11:06		
56	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/01 11:06		
57	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/01 11:06		
58	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/02 13:16		
59	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/01 11:06		
60	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/01 11:06		
61	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/01 12:26		
62	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/01 12:24		
63	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/01 11:13		
64	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/01 11:13		
65	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/01 12:44		
66	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/01 12:43		
67	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/01 12:30		

	<b>Errors</b>	<b>Ref #</b>
50		S51
51		S52
52		S53
53		S54
54		S58
55		S59
56		S60
57		S61
58		S62
59		S63
60		S64
61		S65
62		S67
63		S68
64		S69
65		S70
66		S71
67		S72

	Type	Hits	Search Text
68	BRS	1	S71 and (frequenc\$4 period\$2 signal\$1) near5 (tun\$5 chang\$5 adjust\$5 modif\$6 alter\$5 vary\$3 vari\$5)
69	BRS	1	S71 and (shift\$4)
70	BRS	28	S65 and (frequenc\$4 period\$2) near5 (tun\$5 chang\$5 adjust\$5 modif\$6 alter\$5 vary\$3 vari\$5)
71	BRS	2	("20040237648" "20040182166").pn.
72	BRS	2	S75 and (frequenc\$4 period\$2 signal light) near7 (tun\$5 chang\$5 adjust\$5 modif\$6 alter\$5 vary\$3 vari\$5)
73	BRS	2	S75 and (length\$4 dimens\$4) near3 (tun\$5 chang\$5 adjust\$5 modif\$6 alter\$5 vary\$3 vari\$5)
74	BRS	2	S77 and (volt\$4 electr\$6 piezo piezoelectric\$4 current electrod\$3)
75	BRS	2	S77 and (acoust\$4 damp\$4)
76	BRS	2	S75 and (acoust\$4 damp\$4)
77	BRS	2	("20040237648" "20040182166").pn.
78	BRS	2	S81 and (laser\$1 active\$1 core\$1)
79	BRS	5	("5022732" "20030068127" "6449293" "6510272" "6067392").pn.
80	BRS	3	S83 and (tens\$ stress\$5) and (volt\$4 electr\$6 piezo piezoelectric\$4 current electrod\$3) and (them\$6 temperature\$1)
81	BRS	2	S84 and (liquid\$3 oil\$2 fluid\$2 acous\$4)
82	BRS	15	("4,636,031" "5,159,601" "5,317,576" "5,536,085" "5,691999" "6,519,388" "6,263,002" "6,393,181" "6,449,293" "6,452,667" "6,470,036" "6,480,513" "6,490,931" "6,534,248" "6,563,968").pn.
83	BRS	8	S88 and (liquid\$3 oil\$2 fluid\$2 acous\$4)

	DBs	Time Stamp	Comments	Error Definition
68	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/01 12:34		
69	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/01 12:34		
70	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/01 12:41		
71	US-PGPUB; USPAT	2005/11/02 12:43		
72	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/02 13:51		
73	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/01 12:43		
74	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/02 13:50		
75	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/01 12:48		
76	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/01 12:48		
77	US-PGPUB; USPAT	2005/11/02 12:44		
78	US-PGPUB; USPAT	2005/11/02 13:09		
79	US-PGPUB; USPAT	2005/11/02 13:12		
80	US-PGPUB; USPAT	2005/11/02 13:15		
81	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/02 13:39		
82	US-PGPUB; USPAT	2005/11/02 13:39		
83	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/02 13:39		

	<b>Errors</b>	<b>Ref #</b>
68		S73
69		S74
70		S66
71		S75
72		S76
73		S77
74		S78
75		S79
76		S80
77		S81
78		S82
79		S83
80		S84
81		S85
82		S88
83		S89

	Type	Hits	Search Text
84	BRS	6	S89 and (volt\$4 electr\$6 piezo piezoelectric\$4 current electrode\$3)
85	BRS	6	S90 and (frequenc\$4 signal light period\$1) near7 (tun\$5 chang\$5 adjust\$5 modif\$6 alter\$5 vary\$3 vari\$5)
86	BRS	1	"6490931".pn.
87	BRS	1	S92 and S91



	<b>DBs</b>	<b>Time Stamp</b>	<b>Comments</b>	<b>Error Definition</b>
<b>84</b>	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/02 13:50		
<b>85</b>	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/02 18:07		
<b>86</b>	US-PGPUB; USPAT	2005/11/02 16:30		
<b>87</b>	US-PGPUB; USPAT	2005/11/02 14:32		

	<b>Errors</b>	<b>Ref #</b>
<b>84</b>		S90
<b>85</b>		S91
<b>86</b>		S92
<b>87</b>		S93

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	1	"6490931".pn.	US- PGPUB; USPAT	2005/11/02 16:30
2	BRS	L2	1	1 and (grating\$1 length\$2 period\$1 phase frequenc\$4 signal light period\$1) near7 (tun\$5 chang\$5 shift\$4 adjust\$5 modif\$6 alter\$5 vary\$3 vari\$5)	US- PGPUB; USPAT	2005/11/02 17:58
3	BRS	L3	1	1 and (period\$1 phase frequenc\$4 signal light) near7 (tun\$5 chang\$5 shift\$4 adjust\$5 modif\$6 alter\$5 vary\$3 vari\$5)	US- PGPUB; USPAT	2005/11/02 17:37
4	BRS	L4	1	1 and (laser\$2 distrib\$4 feedback activ\$2) same (fiber\$1 grating\$3)	US- PGPUB; USPAT	2005/11/02 17:39
5	BRS	L5	1	10/807808	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2005/11/02 17:50
6	BRS	L6	0	5 and (conduct\$4 same jacet\$2)	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2005/11/02 17:50
7	BRS	L7	1	5 and (conduct\$4 same jacket\$2)	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2005/11/02 17:51
8	BRS	L8	1	1 and (conduct\$4 electr\$5 metal\$5)	US- PGPUB; USPAT	2005/11/02 18:04

	Comments	Error Definition	Errors
1			
2			
3			
4			
5			
6			
7			
8			

	Type	L #	Hits	Search Text	DBs	Time Stamp
9	BRS	L9	2	"6563968".pn.	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2005/11/02 18:08
10	BRS	L10	1	9 and (conduct\$4 electric\$4 near7 conat\$4)	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2005/11/02 18:22
11	BRS	L11	0	10 and attenuat\$4	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2005/11/02 18:22

	Comments	Error Definition	Errors
9			
10			
11			